

Indian Statistical Institute, Chennai Centre

Seminar Announcement / संगोष्ठी की घोषणा

Date/तारीख : 24th August, 2015.

Time/ समय : 4 pm – 5pm.

Venue/ स्थान : SETS Auditorium, ISI-Chennai.

Speaker/ वक्ता : Dr. Dhriti Ranjan Dolai.

Affiliation: Institute of Mathematical Sciences.

Title/शीर्षक: Spectral Statistics of Random Schrodinger Operators with Unbounded Potentials.

Abstract: It is known from earlier result of Gordon-Jaksic-Molchanov-Simon, that spectrum of the Random Schrodinger Operators with Unbounded Potentials is pure point. Recently we obtain the eigenvalue statistics for this model and it turns out that the statistics is Poisson. Also if time permit I want to give a short overview about random Schrodinger operators (Anderson Model).

This is a joint work with Anish Mallick.

References:

(1) Gordon, Y. A; Jaksic, V; Molchanov, S; Simon, B: Spectral properties of random Schrodinger operators with unbounded potentials, Comm. Math. Phys. 157(1), 23-50, 1993.

(2) Dhriti Ranjan Dolai and Anish Mallick: Spectral Statistics of Random Schrödinger Operators with Unbounded Potentials. arXiv:1506.07132 [math.SP].

सभी को आमंत्रित कर रहे हैं।

All are invited.

Seminar Coordinator

